

# SS 1033257 P4 New Cascadia ABS Fault Code 11/520247/31 --Failure Memory Bit (ESC) Condition Exists

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## **Applicable Vehicles**

This solution applies to New Cascadia with Enhanced Stability Control (ESC).

## **Symptoms**

ABS Fault code (11/520247/31 --Failure Memory Bit (ESC) Condition Exists) may show active and dealer is unable to locate root cause.

## **Issue**

The ESC ECU can display the code 11/520247/31 --Failure Memory Bit (ESC) Condition Exists, if the ESC is not mounted properly.

## **Resolution**

Make sure that no cables or other components are coming in contact with the ESC module. Also make sure the module is mounted so that excessive vibration can not be being transmitted to the ESC Module. The ESC should be mounted on its own mounting bracket. If campaign SF-545 applies to the vehicle, make sure to perform the campaign prior to troubleshooting the code.

If nothing is contacting the ESC module, and the module is mounted correctly, then try running through the recalibration by driving the vehicle in a straight line for 100 meters and then turning the steering wheel a minimum of 180 degrees and see if the code goes inactive. If the mounting of the ESC module is correct, the recalibration procedure has been completed and the code is still present, then check the power and ground and CAN wires from the ABS module to the ESC Module. If these wires check okay, then replace the ESC module.